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PTO/SB/29 (12/97)Approved for use through 09/30/00. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	9301-123	Total Pages	109
<i>First Named Inventor or Application Identifier</i>			
Daniel D. Shoemaker			
Express Mail Label No.	EL 501 636 154 US		

APPLICATION ELEMENTS
See MPEP chapter 600 concerning utility patent application contents.

- Fee Transmittal Form
Submit an original, and a duplicate for fee processing
- Specification (including Abstract + Table of Contents) [Total Pages 99]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R&D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (*if filed*)
 - Detailed Description of the Invention (including drawings, *if filed*)
 - Claim(s)
 - Abstract of the Disclosure
- Drawing(s) (35 USC 113) [Total Sheets 8]
- Oath or Declaration (unexecuted) [Total Sheets 2]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)
[Note Box 5 below]
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33 (b).
- Incorporation By Reference (*useable if Box 4b is checked*)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

17. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information: Continuation Divisional Continuation-in-part (CIP) of prior application No: filed .**18. CORRESPONDENCE ADDRESS** Customer Number or Bar Code Label

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Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

11/28/00
jc813 U.S. PTO

Express Mail No.: EL 501 636 154 US

PENNIE & EDMONDS LLP

COUNSELLORS AT LAW
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ATTORNEY DOCKET NO: 9301-123

Date: November 28, 2000

Assistant Commissioner for Patents
Box PATENT APPLICATION
Washington, D.C. 20231

jc813 U.S. PRO
09/724538

11/28/00

Sir:

The following utility patent application is enclosed for filing:

Applicant(s): Daniel D. Shoemaker, Stewart Scherer, Stephen H. Friend
Executed on: unexecuted

Title of Invention: COMPOSITIONS AND METHODS FOR EXON PROFILING

PATENT APPLICATION FEE VALUE

TYPE	NO. FILED	LESS	EXTRA	EXTRA RATE	Fee
Total Claims	434	-20	414	\$18.00 each	\$ 7,452.00
Independent	26	-3	23	\$80.00 each	\$ 1,840.00
			Minimum Fee		\$ 710.00
			Multiple Dependency Fee If Applicable (\$270.00)		\$ 270.00
			Total		\$ 10,272.00
			50% Reduction for Independent Inventor, Nonprofit Organization or Small Business Concern (a verified statement as to the applicant's status is attached)		- \$ 0.00
			Total Filing Fee		\$ 10,272.00

Priority of application nos. 60/227,902 and 60/227,996 both filed on August 25, 2000 in the United States are claimed under 35 U.S.C. § 119(e).
 The certified copy of the priority application has been filed in application no. filed
 Amend the specification by inserting before the first line the following sentence: This is a continuation-in-part of application no. filed.

Please charge the required fee to Pennie & Edmonds LLP Deposit Account No. 16-1150. A copy of this sheet is enclosed.

Respectfully submitted,

Adriane M. Antler
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PENNIE & EDMONDS LLP

32,605

(Reg. No.)

Enclosure

This form is not for use with continuation, divisional, re-issue, design or plant patent applications.

PATENT APPLICATION SERIAL NO. _____

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
Fee Record Sheet

12/01/2000 HLE333 00000032 161150 09724538

01 FC:101 710.00 CH ✓
02 FC:102 1840.00 CH ✓
03 FC:103 7452.00 CH ✓
04 FC:104 270.00 CH ✓

Adjustment date: 04/06/2001 STEFERRA
12/01/2000 HLE333 00000032 161150 09724538
03 FC:103 7452.00 CR

04/06/2001 STEFERRA 00000002 161150 09724538

01 FC:103 6876.00 CH

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